

REMARKS

Claims 14-22 and 24-27 are pending in this application. By this Amendment, claim 14 is amended. No new matter is added.

Claims 14-16, 19, 20 and 22 were rejected under 35 U.S.C. §103(a) over Taguchi, JP 2001-241403, in view of Achten, U.S. Patent No. 6,575,076. The rejection is respectfully traversed.

Claim 14 recites a fluid in the first flow path flows from the tank into the ring chamber. As stated in the April 9, 2009 Advisory Action, it is clear from the drawings of Taguchi that fluid flows from the tank into the alleged cylinder chamber (Taguchi's piston area A) and does not flow from the tank into Taguchi's chamber B (alleged ring chamber). Thus, Taguchi fails to teach or suggest all of the features of claim 14.

Achten fails to overcome the deficiencies of Taguchi.

Claims 15, 16, 19, 20 and 22 are patentable by reason of their dependency from independent claim 14, as well as for the additional features they recite.

It is respectfully requested that the rejection be withdrawn.

Claim 17 was rejected under 35 U.S.C. §103(a) over Taguchi in view of Achten and Mitchell, U.S. Patent No. 6,216,456. The rejection is respectfully traversed.

As discussed above, Taguchi and Achten fail to teach or suggest all of the features of claim 14. Further, Mitchell fails to overcome the deficiencies of Taguchi and Achten. Thus, claim 17 is patentable by reason of its dependency from independent claim 14, as well as for the additional features it recites.

It is respectfully requested that the rejection be withdrawn.

Claim 18 was rejected under 35 U.S.C. §103(a) over Taguchi in view of Achten and Gezari, U.S. Patent No. 5,810,125. The rejection is respectfully traversed.

As discussed above, Taguchi and Achten fail to teach or suggest all of the features of independent claim 14. Further, Gezari fails to overcome the deficiencies of Taguchi and Achten. Thus, claim 18 is patentable by reason of its dependency from independent claim 14, as well as for the additional features it recites.

It is respectfully request that the rejection be withdrawn.

Claim 21 was rejected under 35 U.S.C. §103(a) over Taguchi in view of Achten and Morris, U.S. Patent No. 5,988,330. The rejection is respectfully traversed.

As discussed above, Taguchi and Achten fail to teach or suggest all of the features of independent claim 14. Further, Morris fails to overcome the deficiencies of Taguchi and Achten. Thus, claim 21 is patentable by reason of it dependency from independent claim 14, as well as for the additional features it recites.

It is respectfully requested that the rejection be withdrawn.

Claims 24-26 were rejected under 35 U.S.C. §103(a) over Taguchi in view of Achten and Kruckemeyer et al., U.S. Patent No. 5,706,919. The rejection is respectfully traversed.

As discussed above, Taguchi and Achten fail to teach or suggest all of the features of independent claim 14. Further, Kruckemeyer fails to overcome the deficiencies of Taguchi and Achten. Thus, claims 24-26 are patentable by reason of their dependency from independent claim 14, as well as for the additional features they recite.

It is respectfully requested that the rejection be withdrawn.

Claim 27 was rejected under 35 U.S.C. §103(a) over Taguchi in view of Achten and Phelan et al., U.S. Patent No. 6,705,440. The rejection is respectfully traversed.

As discussed above, Taguchi and Achten fail to teach or suggest all of the features of independent claim 14. Further, Phelan fails to overcome the deficiencies of Taguchi and Achten. Thus, claim 27 is patentable by reason of its dependency from independent claim 14, as well as for the additional features it recite.

It is respectfully requested that the rejection be withdrawn.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachments:

Petition for Extension of Time
Request for Continued Examination

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